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INTRODUCTION

to

STANDARD CATALOGUE

of

SCIENTIFIC APPARATUS

16th EDITION

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IN compiling this New Edition of our Standard Catalogue in Sectional Form, our aim has been to make it as convenient as possible for our clients to find any article they want, in the minimum space of time. Below will be found an outline of the Contents of each Section:—

SECTION I.—Typical examples of Benches, Fume Cupboards, Taps and Sinks, and is meant as a guide to clients when designing their laboratories.

SECTION II.—Apparatus required for the permanent equipment of a laboratory such as Balances, Furnaces, Ovens, Pumps and Stills alphabetically arranged.

SECTION III.—Ordinary apparatus required for laboratory use, such as Glassware, Porcelain Ware, Filter Paper and Graduated Ware, etc. These are also arranged alphabetically.

SECTIONS IV and V.—Thermometers and Pyrometers and heat-recording apparatus for all purposes.

SECTION VI.—Special apparatus scientifically grouped and arranged for all branches of Physico-Chemical Work.

SECTION VII.—Refractometers, Spectroscopes and Polariscopes.

SECTION VIII to SECTION XIV.—Specialised apparatus of all descriptions such as is required for Scientific and Industrial Research Laboratories as detailed in the Section Summary.

SECTION XV.—Apparatus for all the branches of Meteorology, etc.

SECTION XX.—Models for Anatomical work; a fuller and complete catalogue is sent on application.

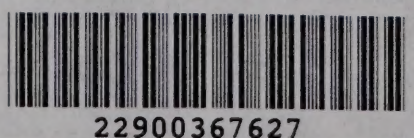
SECTION XXI.—Apparatus for Botany and Entomology.

SECTION XXII.—A full range of British and Foreign Microscopes, Epidiascopes, Episcopes, and Cameras for scientific purposes.

SECTION XXIII to SECTION XXVI.—Special apparatus for Bacteriology, Histology, Microscopy, Pathology and Biochemistry such as Microscope Slides, Cover Glasses, Microtomes, Incubators, Autoclaves, Embedding and Wassermann Baths, etc.

SECTION XXVII to SECTION XXVIII.—Special apparatus for Physiology, Pharmacology and Psychology.

...nd Index complete the whole range of Apparatus ...lard Catalogue Vol. I, II, III. Vol. IV is still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Foreword

IT is with much pleasure that we present the 1933 Edition of our Standard Catalogue to our many customers throughout the world. We hope that the modifications we have made in its form will be of assistance to them, and that it may serve as a Standard Work of Laboratory requirements as well as a Trade List.

We have aimed at presenting this Edition in a way which will appeal to the Research Worker and Technical Chemist, as well as to the Teacher and the Student, by simplifying the task of ordering their goods and saving them time and trouble. The sectional form also enables us to keep the list continually up-to-date, by the issue of new sections as prices or designs become out of date.

We have tried to make the list as complete as possible. Many of the items are entirely new, and some appear for the first time as British made at competitive prices.

To enable our customers to have as wide a choice as possible we have listed, in many instances, goods of the same nature from British and foreign sources.

All goods are of British manufacture unless marked with an * which denotes foreign manufacture. We, however, reserve the right, in the interests of our clients, to alter the source where necessary.

We wish to acknowledge with gratitude the ready help which has been given us by many eminent men in the world of Science, as it is this co-operation alone that enables us to guarantee that our Standard apparatus embodies all the latest modifications and improvements.

We take this opportunity to thank all our customers for their support in the past, and hope to be given further opportunities of supplying their requirements in the future.

We give below a few of the points to which we wish particularly to direct our customers' attention.

PRICES.—All these have been most carefully revised on the basis of present production costs. By adopting the most modern methods of manufacture in quantity on a Scientific Basis we are enabled to offer our well-known Standard Apparatus at prices which are keenly competitive with those of all other suppliers, without in any way impairing that quality with which our name is associated.

Articles of foreign manufacture are all calculated on the following basis : Balances, 14RM. = 1£ ; other apparatus, 15 RM. = 1£, or 84 francs = 1£, or $3·50 = 1£. Fluctuations in the rate of exchange may cause these prices to be reduced or advanced.

All prices are subject to market fluctuations and alterations without notice.

DELIVERY.—Our Van Deliveries now cover most of the Home Counties, Oxford and Cambridge, and we are always prepared to arrange deliveries farther afield whenever quantity warrants. We also do our utmost to time deliveries by arrangement to suit our customers' convenience. Special deliveries by special messenger in response to urgent calls can always be arranged at extra charge.

PACKING.—The greatest care is taken in packing the goods, all such work being done by men of long experience, who give special attention to the nature of the goods and the circumstances attending their transport. This is specially necessary in the case of Export orders, and the number of letters received from all parts of the world commenting on the small percentage of breakages is the best evidence as to our efficiency in this respect.

STOCKS.—We hold a wide selection of stock, and by careful attention to its regulation, are enabled to offer prompt delivery of all apparatus and chemicals for ordinary Laboratory use. Special arrangements can be made for quantity orders, for which special quotations will be given. Our customers will appreciate that it is not possible for us to hold a stock of all the items listed, especially of the larger and more costly apparatus, which are, however, made with the minimum of delay.

MONTHLY BULLETIN.—In addition to our Catalogue, we are issuing each month our Bulletin, which contains a foreword on some subject of Scientific interest, followed by illustrations and prices of new apparatus, designed since the publication of the Catalogue. On the last page we give particulars of new products of our Research Laboratories and a list of our latest publications.

We welcome applications from our customers to be put on the list of regular recipients of this publication.

[1933]

RESEARCH LABORATORIES.—We employ an experienced staff of Chemists who supervise the manufacture of our chemical products and Analytical Reagents, and who are ready to offer any suggestions and assistance in their power on the various technical problems which arise. They are also pleased to demonstrate and advise on the best outfits for Hydrogen Ion Determination, Electrolysis, or any other apparatus to meet the requirements of any special work our customers may be about to undertake.

SHIPPING.—Our Shipping Dept. is in the hands of experienced Clerks with a long experience of the work. They pay special attention to the individual requirements of each order, and have a thorough knowledge of all Shipping Regulations, Insurance, Claims, etc., and will be pleased to assist in any problems our customers may have in this respect.

CHEMICALS.—Twice yearly we issue a separate catalogue of Chemicals, which gives all particulars of the usual Laboratory requirements, and particulars of many special Chemicals. We are always pleased to quote for any special items not included in our list.

NEW APPARATUS.—We are always pleased to consider putting any new Apparatus designed by our customers on the market, and selling it for them on a royalty basis, if they will submit their designs to us, or call and discuss the Apparatus.

FACTORIES.—Our factories are well equipped with the most modern appliances for the following :—

1. Laboratory Fittings and Cabinet Work.
2. Light and Heavy Machining.
3. Copper Work.
4. Sheet Metal Work.
5. Fine Instrument Manufacture.
6. Balance Manufacture.
7. Glass Blowing.
8. Fine Chemical Manufacture and all special apparatus our customers may require.

An electric Testing Room has been installed, so that electrical apparatus can be made and tested on all voltages.

We are always pleased to show our customers over any of our manufacturing departments by arrangement.

SPECIAL NOTICE.

CARRIAGE.—All orders of £5 0s. 0d. and upwards, with the exception of those for acids and dangerous chemicals, are sent carriage free to all parts of Gt. Britain.

The above does not apply to Trade Orders.

If our customers wish we are prepared to pay carriage on smaller orders, and charge it to them on the invoice.

BREAKAGES.—We cannot hold ourselves responsible for breakage or loss in transit, but we will do our utmost to assist our customers to claim on all breakages or losses provided they advise us, and the Transport Company concerned, within 3 days of receipt.

Breakages and losses when delivering by our own Van we make good, if they are notified within 2 days.

EXCHANGE AND CREDIT.—All ordinary stock goods supplied by us we are pleased to exchange or credit, if in new condition, should our customers so desire. Apparatus not usually stocked and all apparatus of special nature cannot be accepted for exchange or credit, unless by special arrangement, but we shall always assist our customers in the disposal of it.

Countermand orders for special goods cannot be accepted once the work has been put in hand.

APPROVAL.—We are prepared to supply any goods we have in stock subject to 7 days approval at customer's risk, and to arrange, if possible, for goods not stocked by us to be supplied on the same terms.

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INSURANCE.—All export shipments are insured against loss or breakage in transit unless otherwise specified on order.

PRICES.—These are subject to alteration without notice, and orders are accepted only at the prices ruling at the time of receipt, but wherever possible our customers are notified of any change.

EMPTIES.—Cases and Bottles are credited on receipt carriage paid, a small deduction being made on the Bottles for cleaning. All Cases and Bottles within our delivery area are collected by our own vans by arrangement.

ORDERING.—Our customers will be rendering us the greatest assistance if when ordering they will state :

1. Catalogue No.
2. Quantity.
3. Size, where necessary.
4. Pattern, where necessary.

In all cases of apparatus using electricity kindly state :

1. Voltage.
2. Current (alternating or direct).
3. Periodicity and Phase (if current be alternating).

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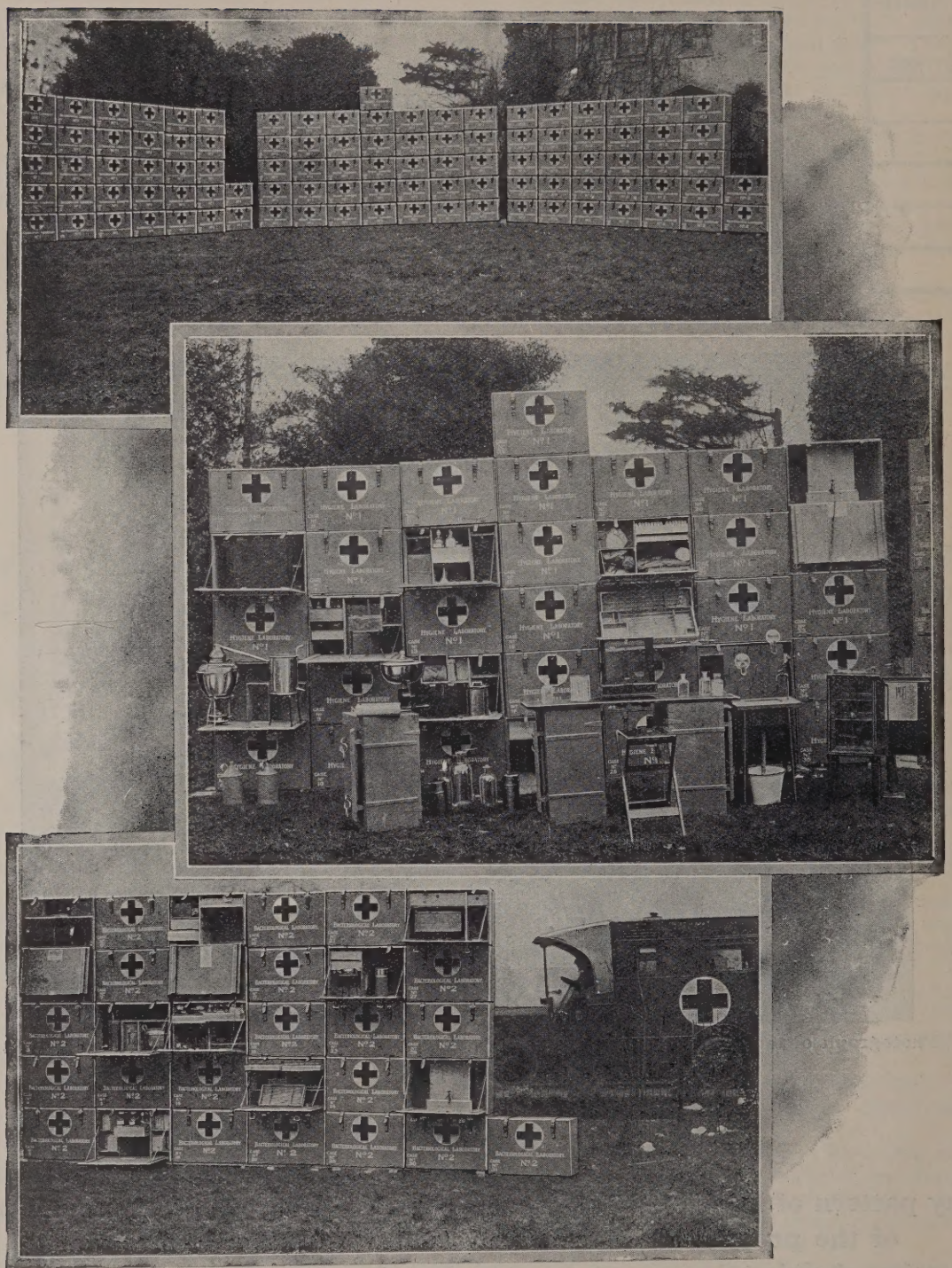
Laboratory Equipment.

See Section I.

WITH DESIGNS OF BENCHES, FUME CUPBOARDS, ETC.
PARTICULARS OF GAS AND WATER TAPS, SINKS, CHANNELS, ETC.

Photograph of the Bacteriological Laboratory, King's College for Women, Kensington, W. 8.
Fitted up by Baird & Tatlock (London) Ltd.

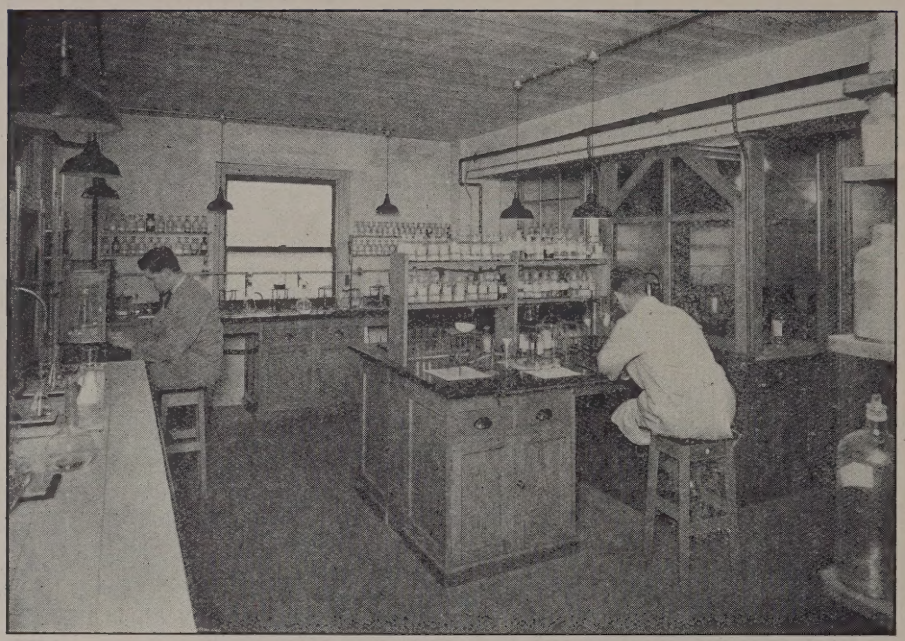
Any pattern of Bench can be made to order. On receipt of ground plan of the proposed Laboratory we shall be pleased to forward sketches showing the arrangement for Benches, etc., we would recommend.



MOBILE BACTERIOLOGICAL AND HYGIENE LABORATORIES FOR PACK TRANSPORT.

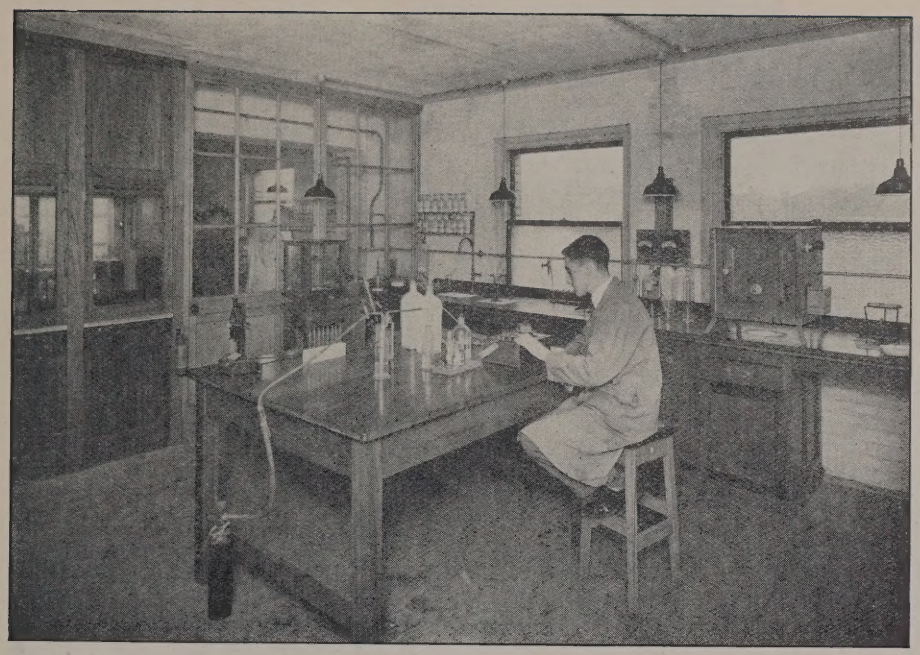
As manufactured by us during the War for our own and Allied Governments.

GLASS BLOWING DEPARTMENTS.
Showing portion of the room devoted to the manufacture of special and delicate pieces of glass apparatus.

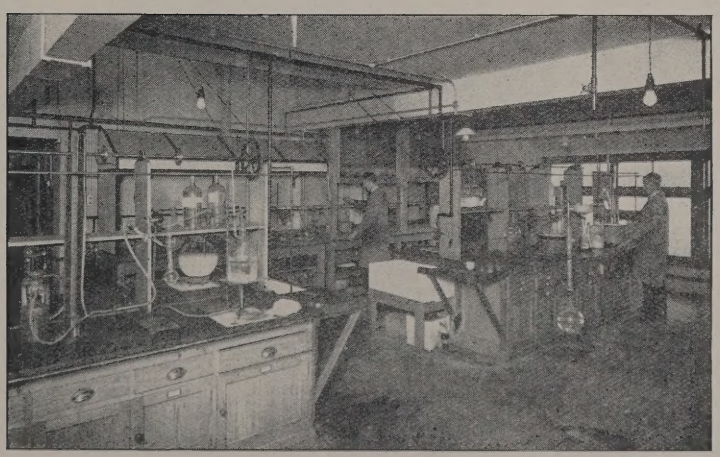


THE TESTING OF A.R. CHEMICALS.

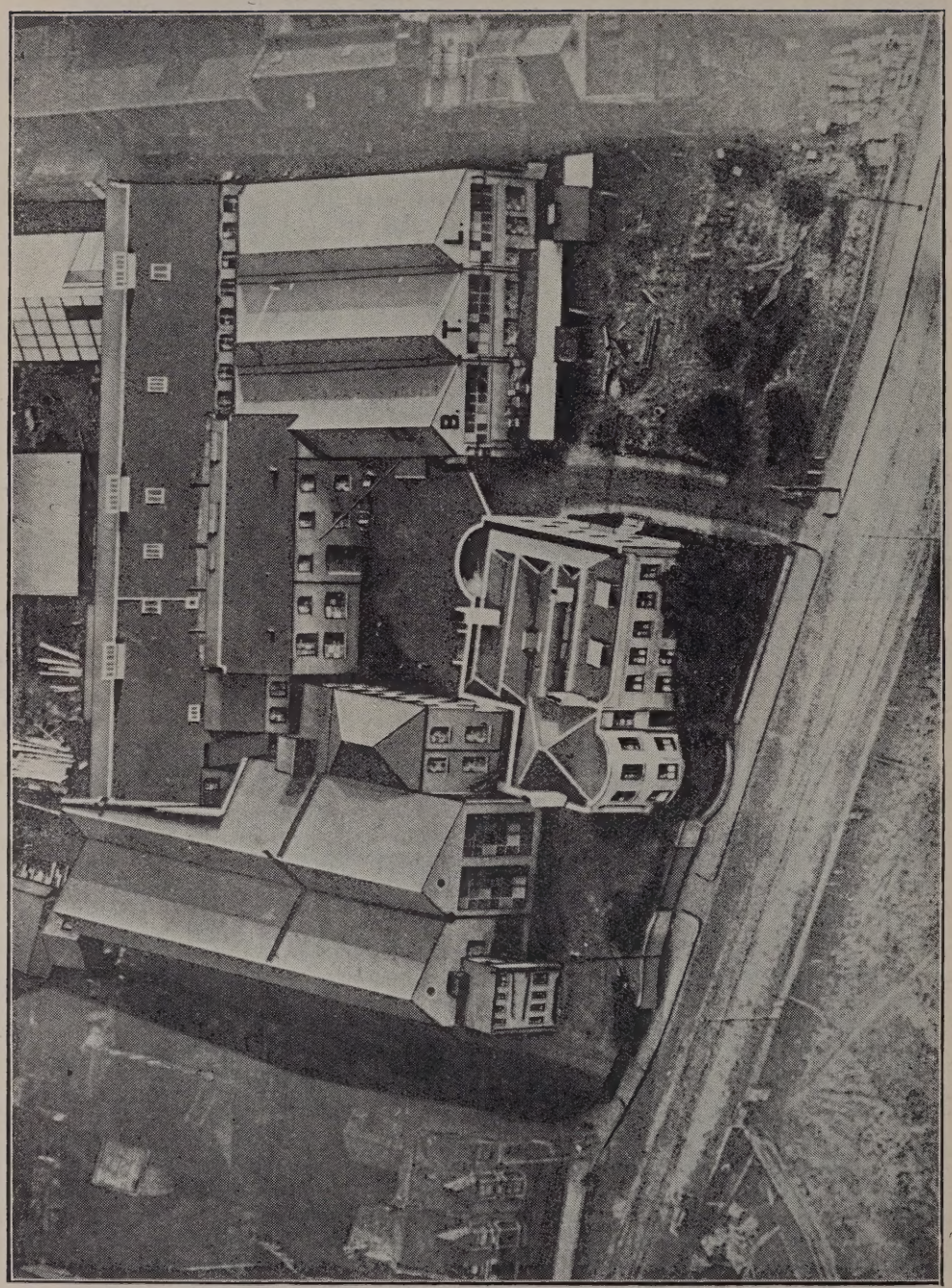
THE PREPARATION OF VOLUMETRIC SOLUTIONS.



CHECKING THE pH OF BUFFER SOLUTIONS.

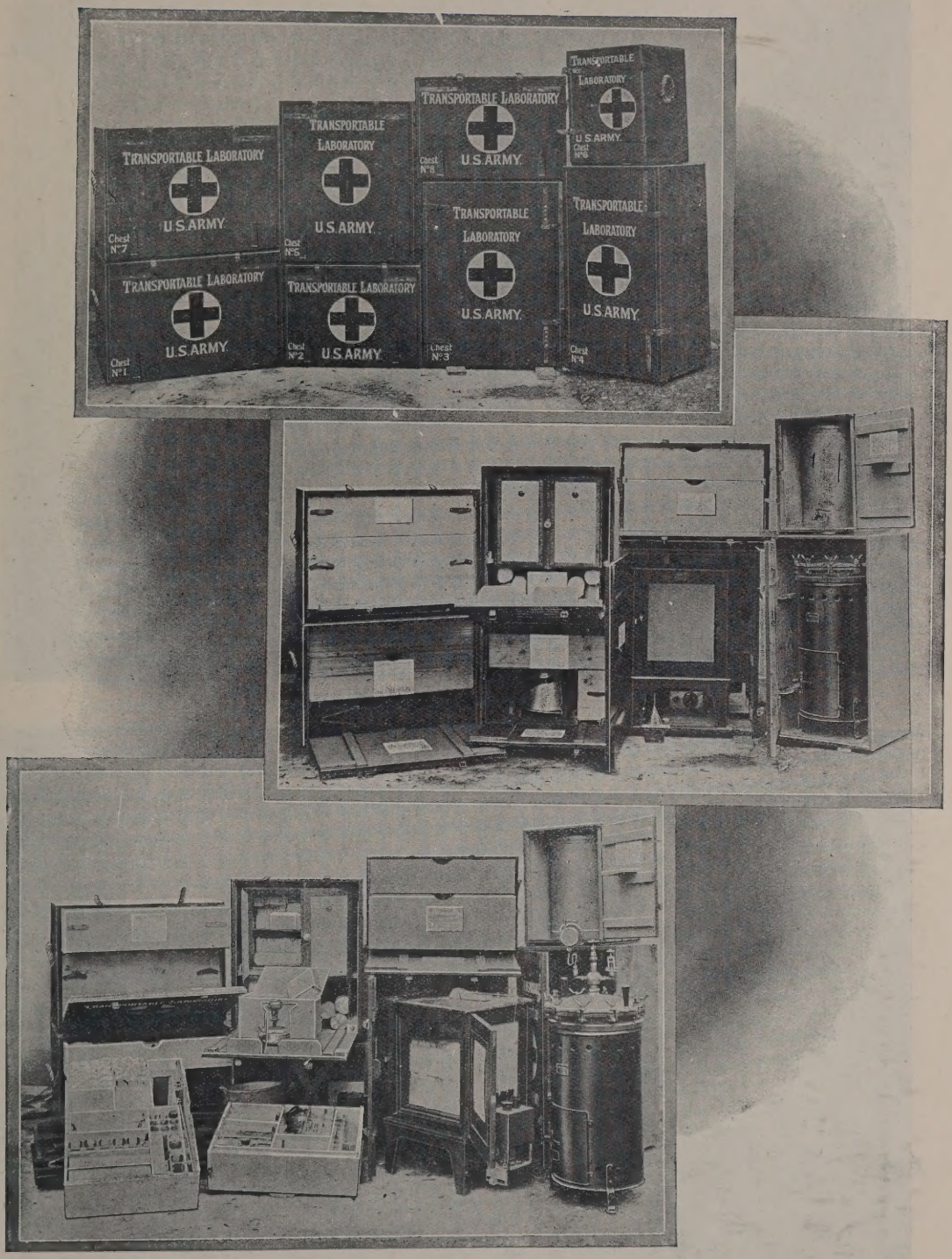


LABORATORY FOR SMALL SCALE MANUFACTURE
OF ORGANIC CHEMICALS.



B.T.L. WORKS AT WALTHAMSTOW, ESSEX, SHOWING NEW ADDITIONS.

(Photographed from an Aeroplane, December 1926.)



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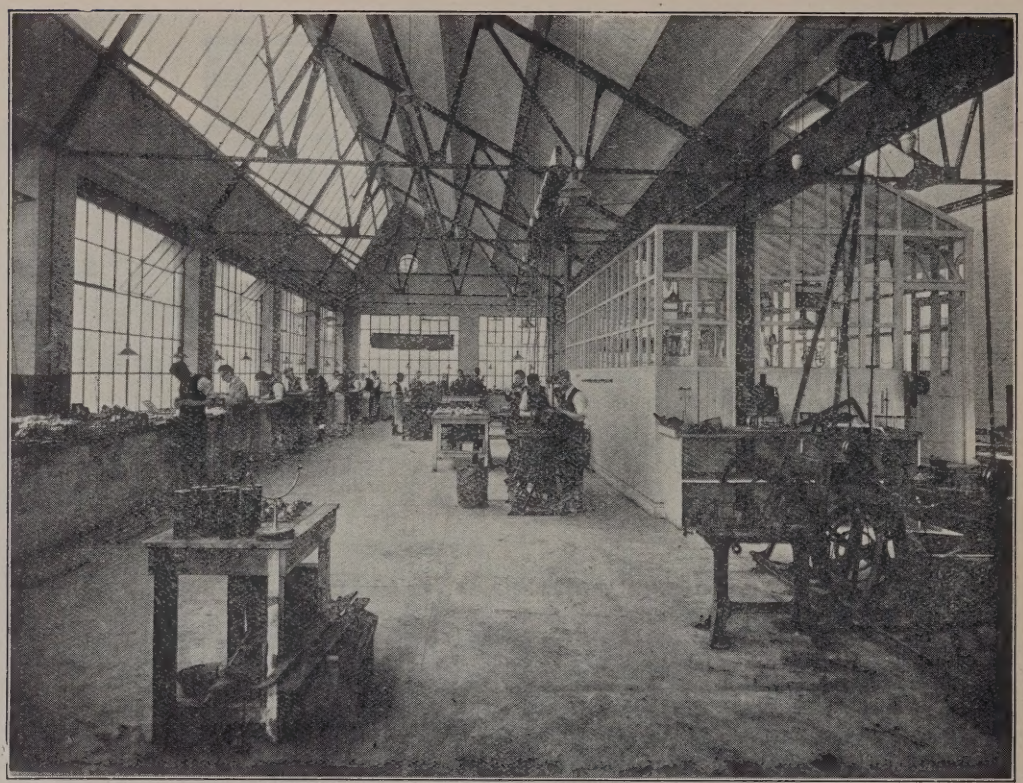


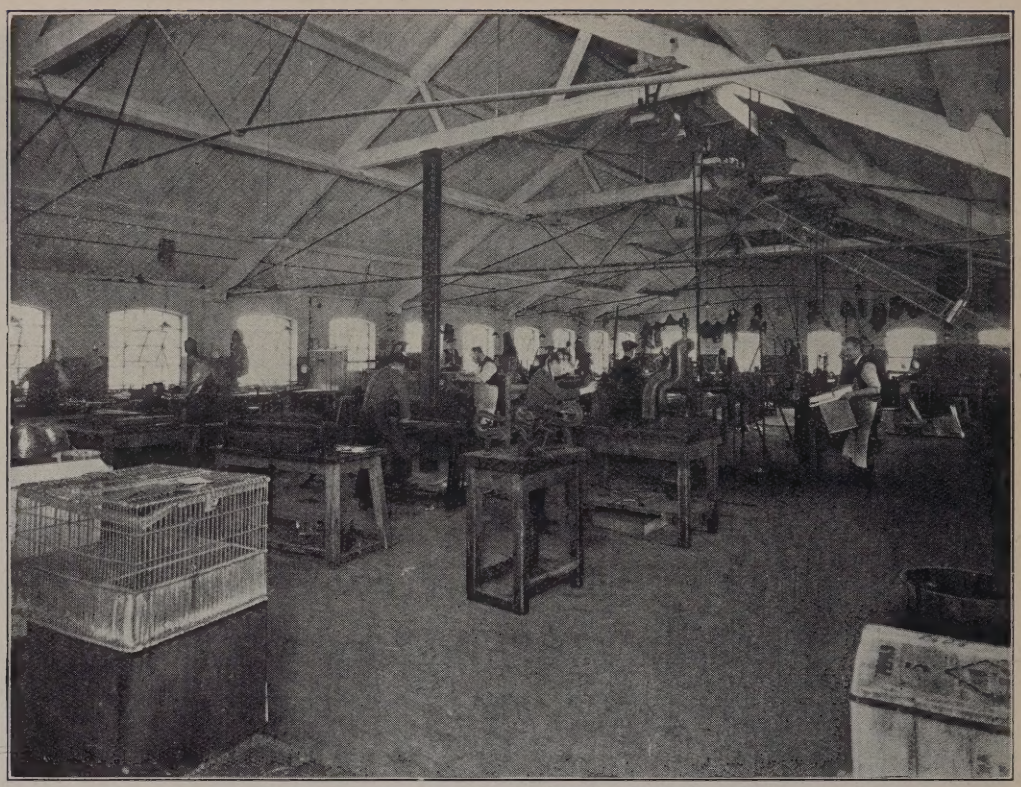
ASSEMBLING SHOP.

INSTRUMENT AND LIGHT MACHINE SHOP B.

B.T.L. INSTRUMENT WORKS, WALTHAMSTOW.

LIGHT MACHINE INSTRUMENT SHOP.

HEAVY MACHINE ENGINEERING SHOP.



COPPER AND SHEET METAL WORKSHOP.

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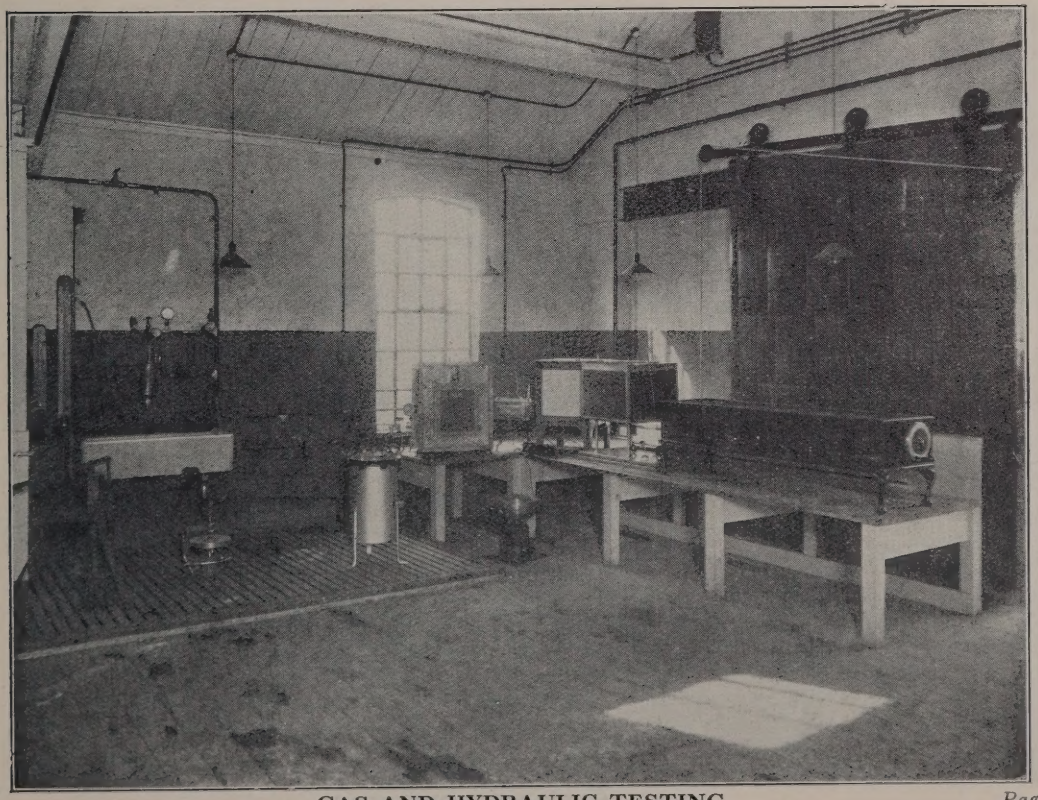
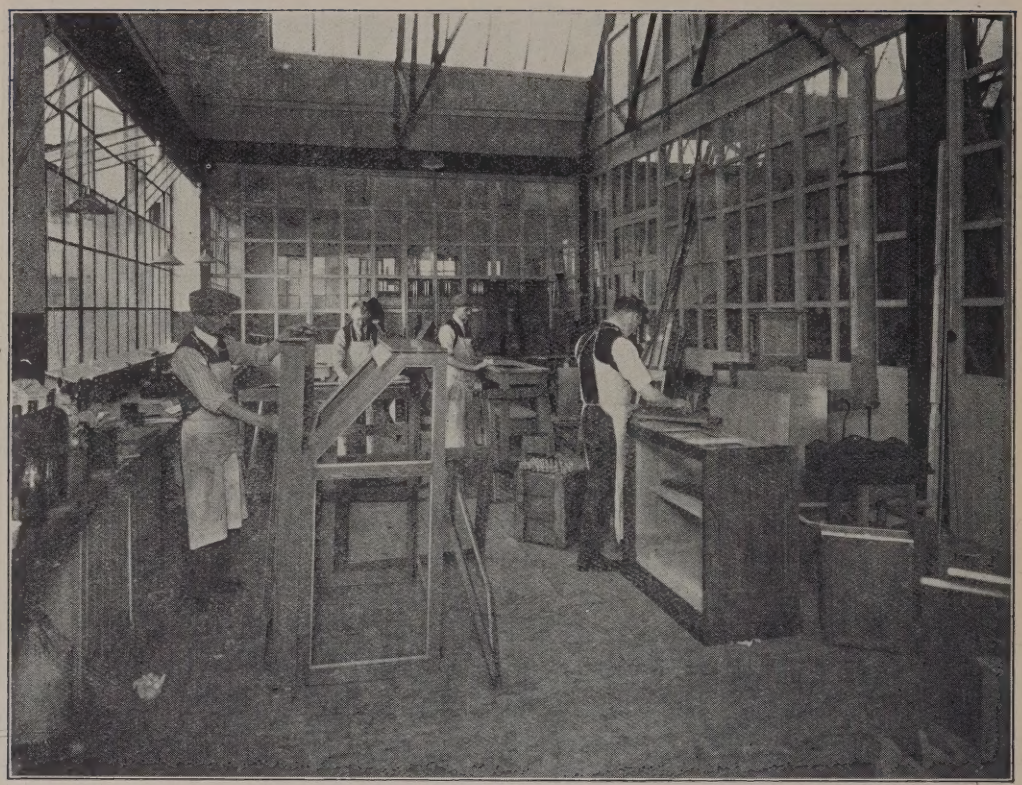
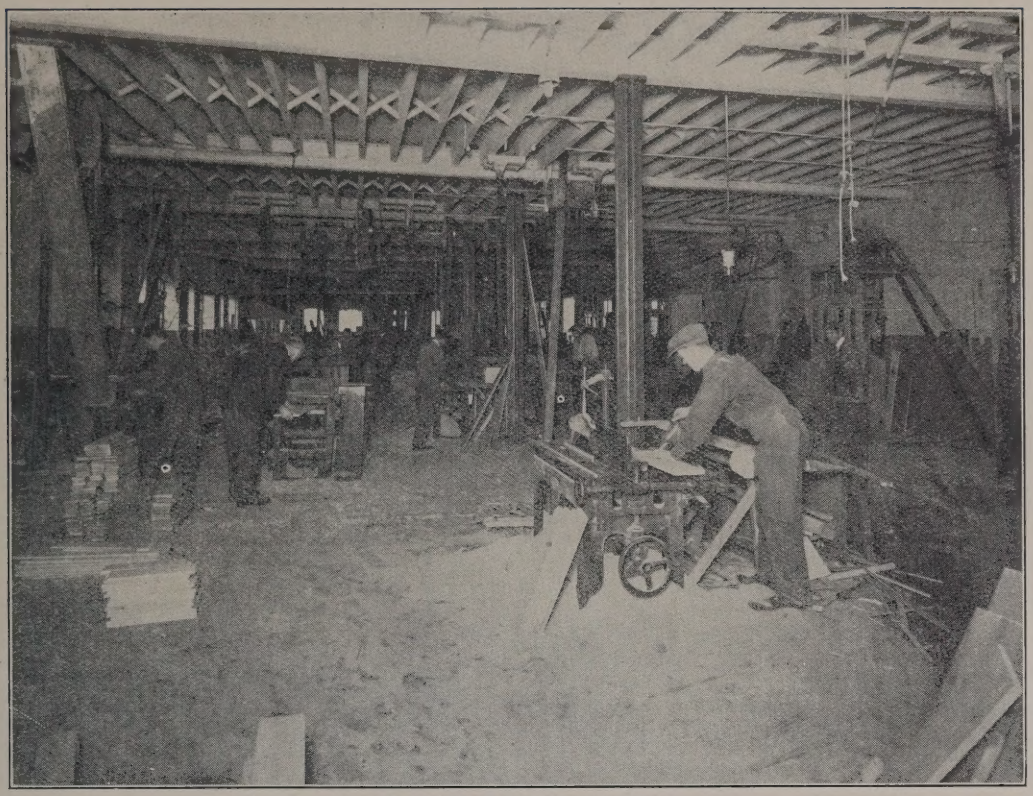


GAS AND HYDRAULIC TESTING.



WOOD POLISHING SHOP.

SMALL CABINET WORKSHOP.



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XV	SM	2nd	Meteorological Apparatus	
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XXVI	DA	8th	Agriculture, Dairy and Milk Analysis	
XXVII	EP	4th	Experimental Physiology	These were contained in Vol. II.
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